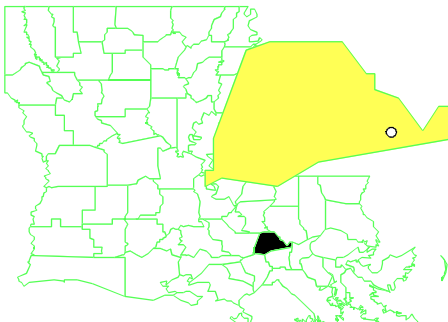


DUTCHTOWN OIL TREATMENT LOUISIANA

EPA ID# LAD980879449

EPA REGION 6
CONGRESSIONAL DISTRICT 06
Ascension Parish



Updated 7/1/97

Site Description

- Location:**
- Dutchtown, Ascension Parish, Louisiana.
 - Location at the juncture I-10 and Highway 74.
- Population:**
- 4,000 people live within three miles of the site.
- Setting:**
- Site had ten storage tanks, a rail car tanker, a 0.07 acre oil pit, and a 0.8 acre holding pond containing oil and water.
 - Site area is five acres.
- Hydrology:**
- Within Mississippi River watershed.
 - Surficial silty loam with poor drainage; silty clay at 8-12 ft. depth; clay and silty clay at 8-24 ft. depth.
 - Contaminated shallow sand aquifer at 7-12 ft. depth; deeper aquifer at 30-35 ft. appears not to be contaminated.

Wastes and Volumes

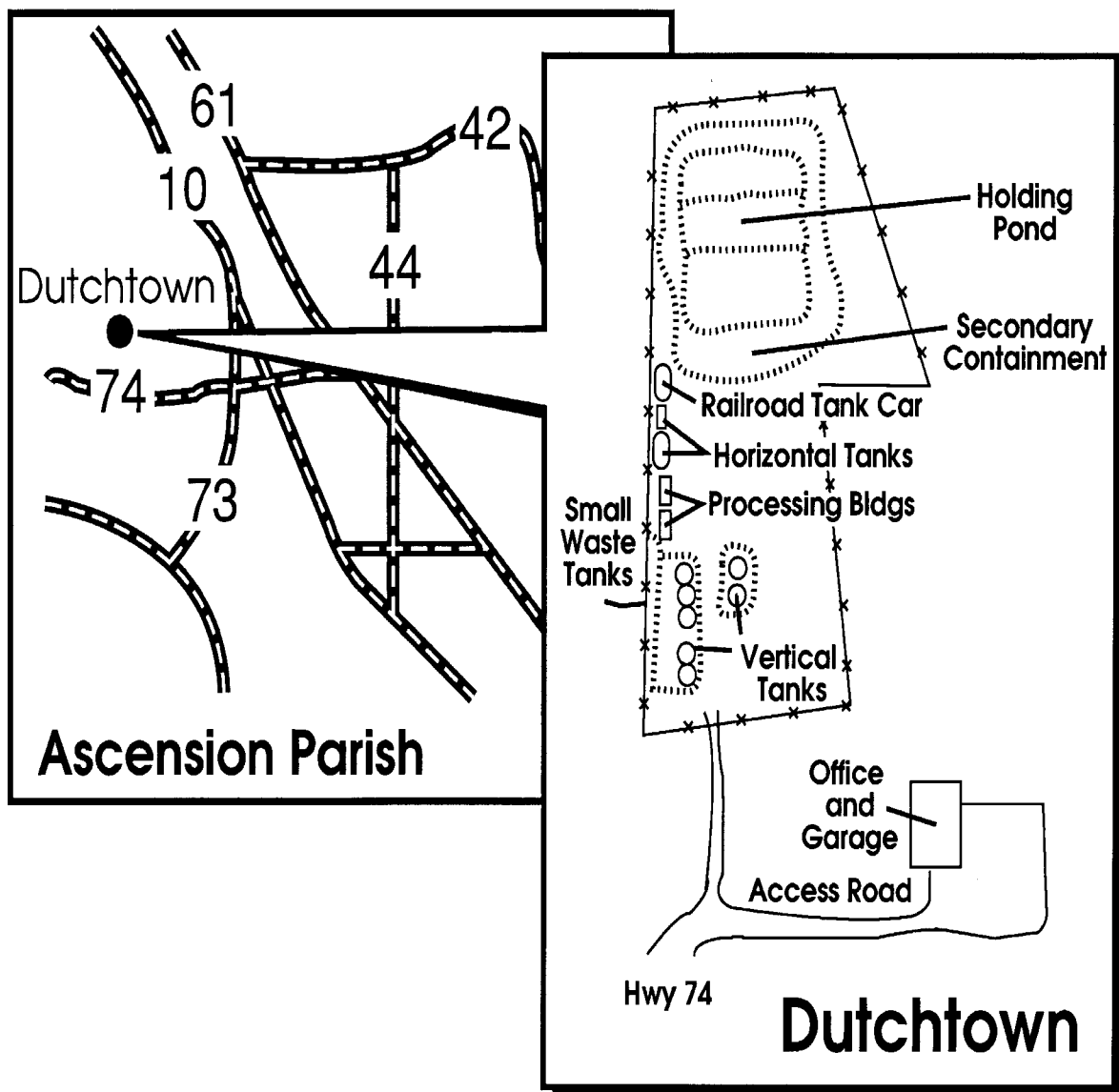
- The principal pollutants on the site are benzene, ethylbenzene, toluene, xylene, and lead.
- Storage tanks, holding pond, and waste oil pit. < see CLEANUP MEASUREMENTS for additional information>

Site Assessment and Ranking

NPL LISTING HISTORY

Site HRS Score: 36.41
Proposed Date: 1/22/87
Final Date: 7/27/87
NPL Update: No. 6

Site Map and Diagram



The Remediation Process

Site History:

- 1965-1982: Oil refinery and reclamation facility
- 1982: LDEQ had owner (now deceased) develop a closure plan. The plan was rejected.
- 1984-1985: the State performed an investigation and identified contaminated surface soils, sludges and water. The upper aquifer was also found to be contaminated. The State undertook two emergency actions to prevent overflow of the on site lagoon/holding pond.
- March 1987: EPA cleaned up a diesel fuel spill that ran off site.
- May 23, 1990: Consent Decree between EPA and 20 PRPs for an Expedited Response Action (ERA) and Remedial Investigation/Feasibility Study (RI/FS) approved by U.S. District Court.
- November 1990: Potentially Responsible Parties (PRPs) began the ERA work.
- August 27, 1991: Waste handling phase of ERA completed.
- October 5, 1991: ERA fully completed.
- December 1992: The RI and Risk Assessment was approved by EPA.
- May 19, 1993: The revised FS was approved by EPA.
- June 20, 1994: The EPA Record of Decision was completed.

Health Considerations:

- Inhalation of fumes, contamination of drinking water, direct contact with waste pits and storage tanks contents.

Other Environmental Risks:

- Grand Goudine Bayou is 1,875 feet down slope from site.

Record of Decision

ERA Action Memorandum
Signed: March 1988

Record of Decision
Signed: June 20, 1994

- ERA: Thermal destruction off site of the ponds and tanks contents. Treatment of contaminated soils and contaminated water. The ERA was fully completed in October 1991.
- ROD: Natural attenuation of contaminated ground water with contingencies if contaminated ground water migrates out or down from the current location.

Other Remedies Considered

- No Action
- In Site Biological Treatment
- Ground Water Extraction, Treatment, Discharge

Reason Not Chosen

- Not protective
- Active remediation not currently warranted
- Active remediation not currently warranted

Community Involvement

- Citizens on site mailing list: 334
- Constituency Interest: Citizens concerned about groundwater contamination and supportive of EPA efforts.
- Site Repository: Ascension Parish Library, Gonzales Branch, 708 South Irma Blvd., Gonzales, LA 70737
- Community Involvement Plan: Developed 05/89
- Open Houses and Workshops: 09/89; 01/90; 10/90
- Proposed Plan Fact Sheet and Formal Public Meeting: 02/88, 10/93
- ROD Fact Sheet: 7/94
- Milestone Fact Sheets: 12/87, 6/88, 9/88, 12/88, 4/89, 2/91, 4/91
- The Agency for Toxic Substances and Disease Registry (ATSDR) and the Louisiana Office of Public Health (LOPH) Health Assessment and Update: 9/92, 10/96

Technical Assistance Grant

- Availability Notice: March 1988
- Letters of Intent Received:
 - 1) 6/18/88 from Ascension Superfund Koalition (ASK)
- Final Application Received: 2/23/92
- Grant Award: Signed by EPA on 05/28/92, accepted by applicant on 3/9/94
- No grant funds were utilized during the budget period (ended 5/27/95), annulment underway.

Fiscal and Program Management

- **Remedial Project Manager:** Stephen L. Tzhone, 214-665-8409, EPA (6SF-LP)
- **State Contact:** Tom Stafford, 504-765-0487, LDEQ
- **Community Involvement Coordinator:** Verne McFarland, 214-665-6617, EPA (6SF-PO)
- **Attorney:** Michael Barra, 214-665-2143, EPA (6SF-DL)
- **State Coordinator:** Joe Massey, 214-665-7408, EPA (6SF-LT)
- **Prime Contractor:** Geraghty and Miller
- **Oversight Contractor:** None

Cost Recovery: PRP Lead (Enforcement)

- PRPs Identified: 85
- Viable PRP: 50
- Consent Decree requiring PRPs to conduct ERA and RI/FS signed 5/23/89.

Present Status and Issues

- Legal action with PRPs to conduct remaining RD/RA.

Benefits

- 449,810 gallons of waste oil from the holding pond, waste oil pit, and tanks were recovered, blended, and shipped off site for incineration.
- 3,451,999 gallons of storm water from the waste oil pit and the holding pond were treated on site in the water treatment unit.
- 4,500 cubic yards of soil were treated by soil washing on site, stabilized with fly ash, and placed as backfill into the pond and pit.
- The emergency actions taken to prevent overflow of a contaminated lagoon, cleanup of a diesel fuel spill and capping over a contaminated area at the site have limited the spread of contaminated wastes and greatly lessened the potential for exposure to contaminants at the site, reducing environmental risk for approximately 4,000 people living within 3 miles of the site.